MEMORANDUM

DATE: July 23, 1993

TO: Randy Ogg

COPIES: Dennis Smith
               David Barber
               Cathy Pickrel
               Barb Neary
               Henry Leighton
               Jack Sosebee

FROM: Wendy Johnson

SUBJECT: Contaminants of Concern Technical Memorandum Meeting Minutes July 20, 1993

Attendance: Dennis Smith, EG&G
               Dan Arrenholtz, EG&G
               David Barber, EG&G
               Cathy Pickrel, Metcalf & Eddy
               Wendy Johnson, RUST E&I

The purpose of this meeting was to lay the ground work for the Contaminants of Concern
Technical Memorandum (COCTM). Attached is a flow diagram that the agencies have approved
for OU7. During the meeting we discussed each step of the flow diagram and its applicability
to OU4.

Action Items:

- Questions for Randy Ogg
    - Have we received an approval letter from the agencies for TM4 Exposure
      Scenarios? (Answer: NO)

    - Should we include vadose zone monitoring data in the risk assessment?
      (Answer: YES)

- Wendy will develop a timeline of when the unvalidated data received will be at 85%

	Metals	Radionuclides	Semi-Volatiles	Volatiles	Pesticides PCBs	CN, H$_2$S NO$_x$/NO$_2$
Borehole[1] Soil Samples	45%	84%	100%	89%	100%	100%
Surficial[2] Soil	66%	32%	66%	N/A	66%	66%
Vadose[3] Zone Samples	0%	0%	0%	0%	0%	0%

[1]RFEDs is having trouble with one of the laboratories and cannot get metals data

[2]The last surficial soil samples were shipped approximately June 1, 1993. Therefore, we expect to be at 85% by August 9 and 100% by September 1.

[3]We began vadose zone monitoring April 1993 and expect to continue through September 1993. Therefore, we should be at 85% by the end of October 1993 and 100% by December 1993.

- Wendy will obtain the Background Data set for Rocky Flats Alluvium, claystone, and sandstone from Mark Neilson.

    - I contacted Mark Neilson and he suggested I talk to Mary Siders.

    - Mary Siders and I have a meeting scheduled for Monday, July 26.
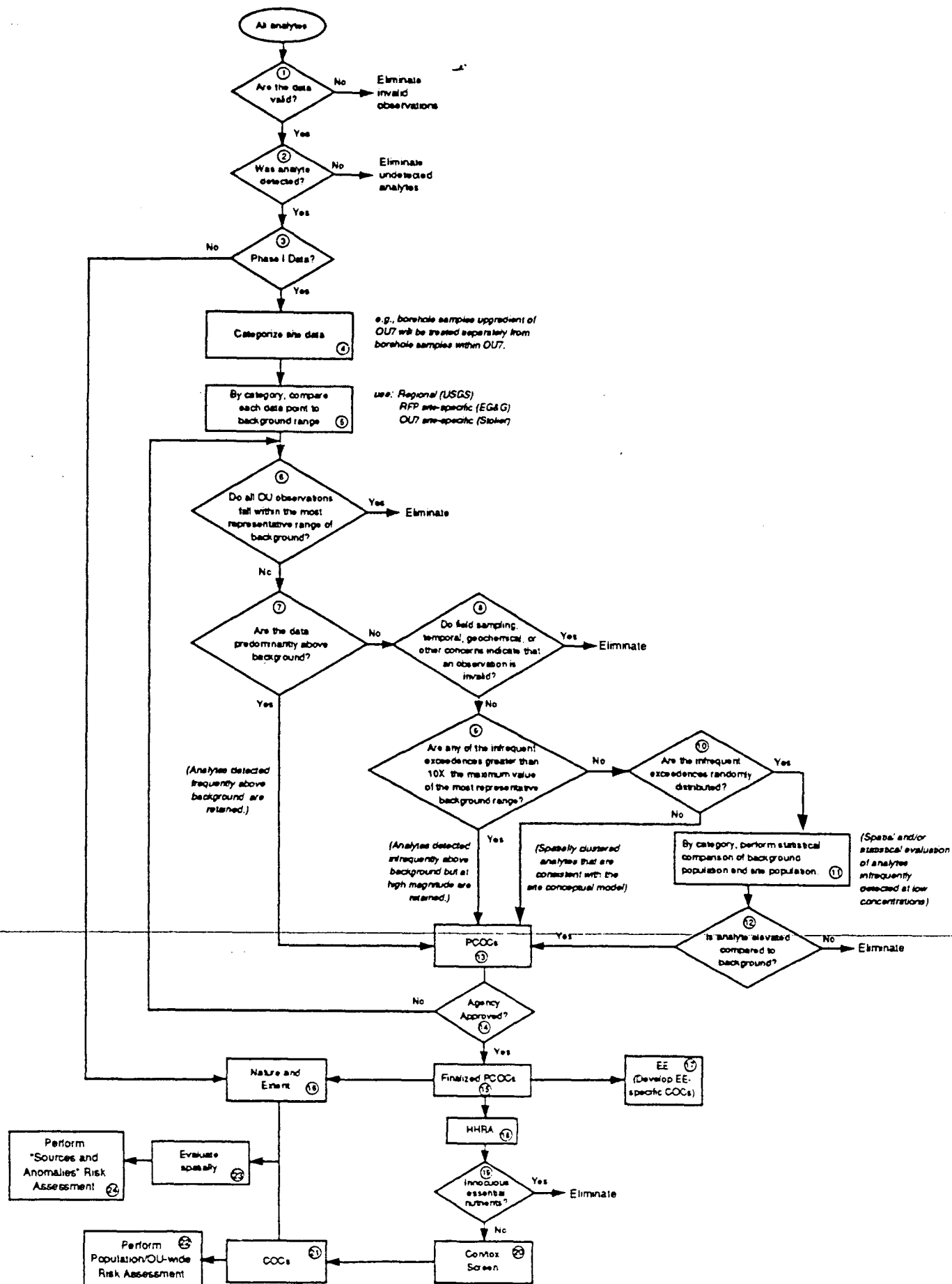
c:\80123.910\MEMOS\072393.M1

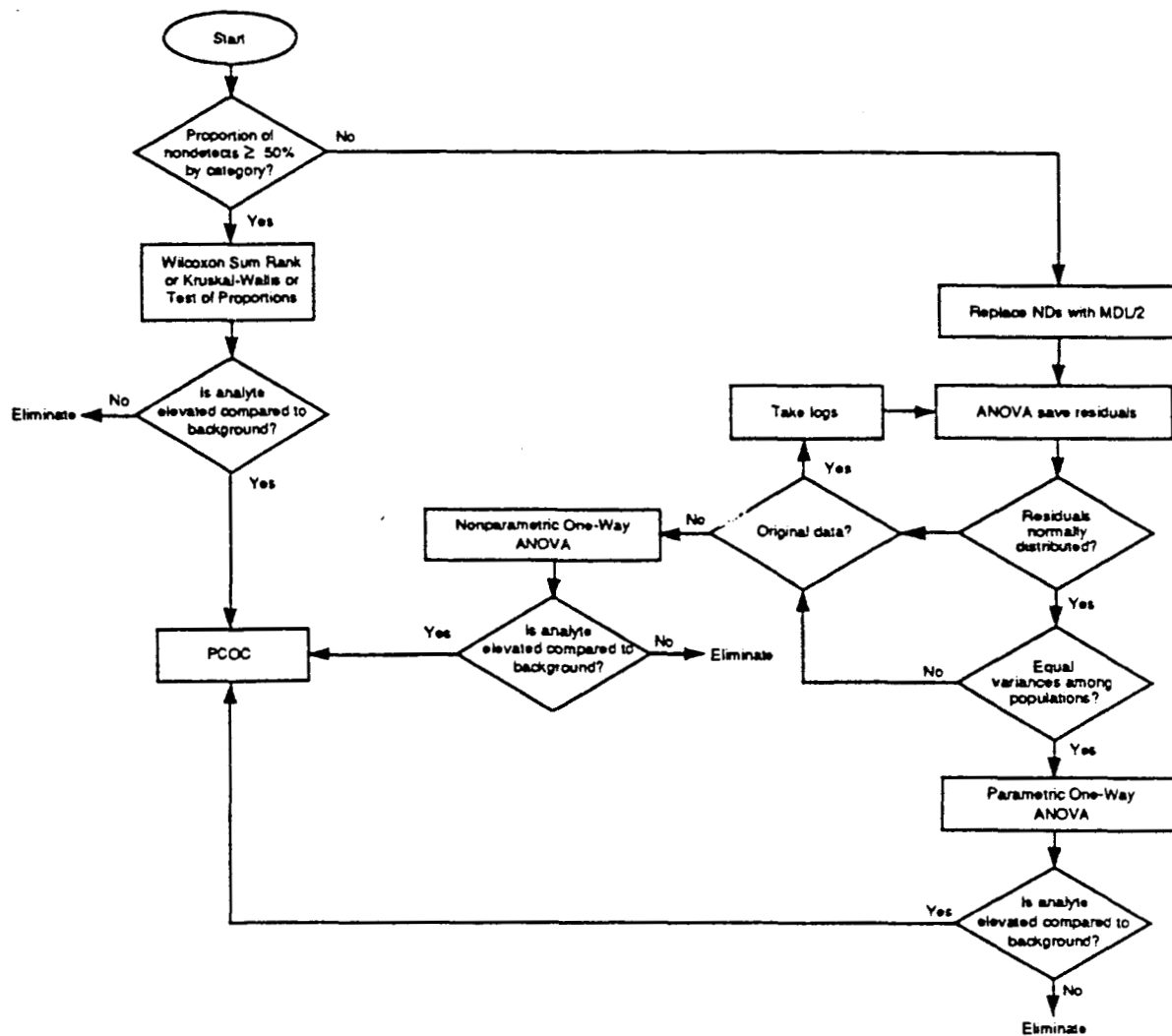Figure 1. Data Analysis and COC Selection Flow Diagram

Figure 2. Statistical Method for Comparison of Background and Nonbackground Populations